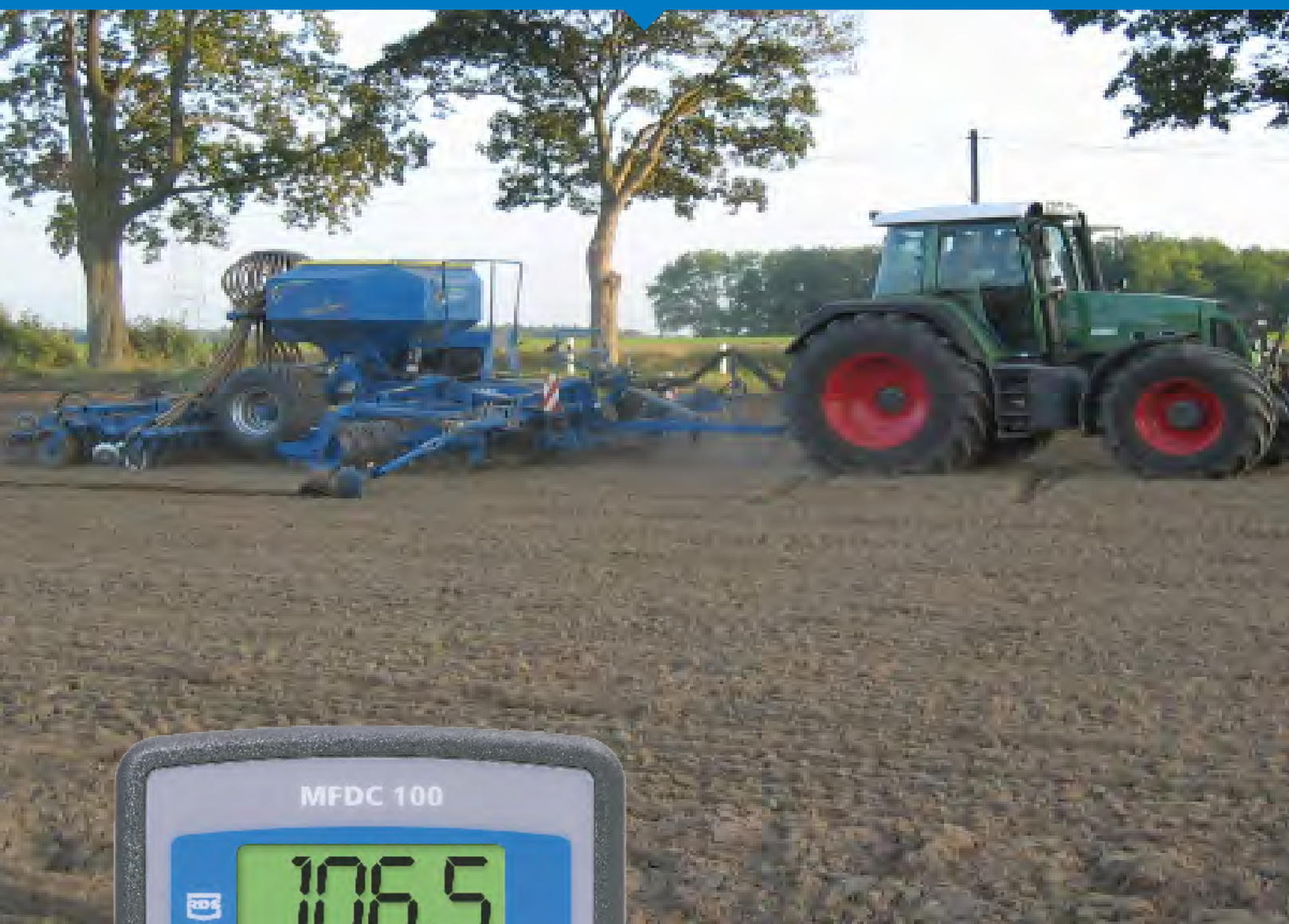
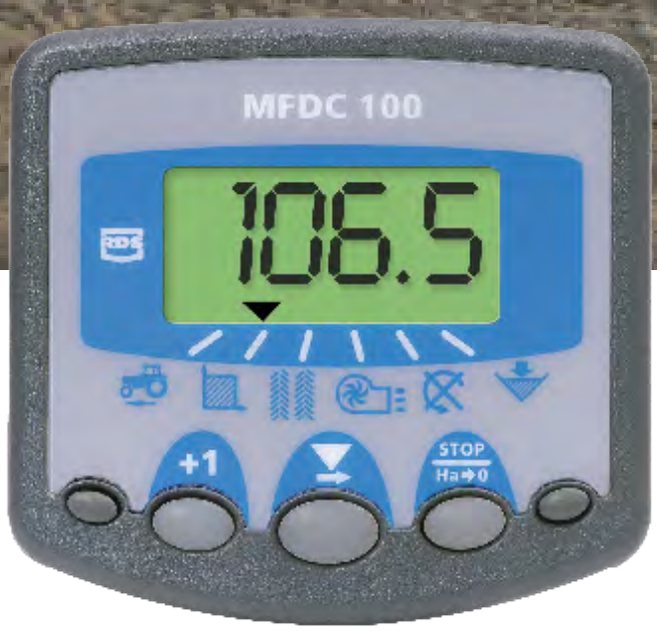
RDS TECHNOLOGY
TOPCON POSITIONING GROUP

MFDC





A range of control systems to monitor the operation and control the tram lining of conventional and pneumatic seed drills

The RDS ***TRAMLINE CONTROL 100*** and RDS ***MFDC 100*** are user-friendly and cost-effective methods of monitoring a number of seed drill operating functions and controlling the tramline sequence.

www.rdstec.com

RDS offers two systems for monitoring seed drill performance and for setting tram lines.

The RDS ***TRAMLINE 100*** is designed to control the tramlining function. The tram line count is advanced by a signal from a sensor activated by lifting or lowering the drill or markers. Any sequence of up to 30 bouts can be programmed and the unit is not limited to preset sequences.

The RDS ***MFDC 100*** is designed for monitoring numerous seed drill functions.

The tramlining function is the priority display and the unit will default to this channel. Two memory registers (Total1 and Total 2) record the area worked. Area totals and all calibration data are stored automatically in memory when the instrument is switched off. In order to alert the operator to machine performance issues, the ***MFDC 100*** offers further alarm functions. A Forward Speed Alarm warns the operator if the machine stops whilst the drill is in work or when speed is low. There are also programmable High and Low Fan Speed alarms to warn offan performance status and a Distribution Shaft Speed Alarm to indicate if the shaft stops for more than 40 seconds.

MONITOR FUNCTIONS	TL100	MFDC100
Symmetric/ AsymmetricTramlines:	✓	✓
Current bout number:	✓	✓
Tram line bouts:	✓	✓
Righthand/Lefthand Tramline indicator:	✓	
Forward speed channel (mph/ kmph):		✓
Partial/Total Area channel (Ha/ acres):		✓
Fan speed (with high and low speed alarms):		✓
Seed distribution shaft RPM (with alarm):		✓
Hopper level low alarm:		✓
Automatic cut-out switch:		✓
Optional shaft speed sensor:		✓

TECHNICAL DETAILS

Operating voltage:	10 - 30 Vdc
Temperature range:	-30 to +50°C operating -30 to +70°C storage
Display:	4-digit, illuminated LCD
Env. protection:	Instrument unit IP67 Full RFI/EMI protection
Warranty:	2 years

SYSTEM ENHANCEMENTS

GPS Forward Speed - Signal inputs from a GPS receiver can be used for forward speed readings. An interface is required to convert the signal into a pulse for the instrument

TGSS - A radar sensor option for true ground speed input into the instrument.

ALSO IN THE RANGE

Artemis - A variable rate electric drive system for pneumatic seed drills, with integrated SD card reader for precision farming.

DISTRIBUTORS

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www.rdstec.com

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